

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 February 2001 (01.02.2001)

PCT

(10) International Publication Number
WO 01/07611 A3

(51) International Patent Classification⁷: **C12N 15/12.**
C07K 14/47, C12N 1/21, 1/15, G01N 33/68, C07K 16/18

(74) Agents: KRESNAK, Mark, T. et al.; c/o Genentech, Inc.,
MS49, 1 DNA Way, South San Francisco, CA 94080-4990
(US).

(21) International Application Number: **PCT/US00/20006**

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(22) International Filing Date: 21 July 2000 (21.07.2000)

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

Published:

— with international search report

(30) Priority Data:
60/145,701 26 July 1999 (26.07.1999) US

(88) Date of publication of the international search report:
23 August 2001

(71) Applicant (*for all designated States except US*): GENEN-
TECH, INC. [US/US]; 1 DNA Way, South San Francisco,
CA 94080-4990 (US).

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): BAKER, Kevin,
P. [GB/US]; 14006 Indian Run Drive, Darnestown, MD
20878 (US). GODDARD, Audrey [CA/US]; 110 Congo
Street, San Francisco, CA 94131 (US). WOOD, William,
I. [US/US]; 35 Southdown Court, Hillsborough, CA 94010
(US).

WO 01/07611 A3

(54) Title: NOVEL POLYNUCLEOTIDES AND METHOD FOR THE USE THEREOF

(57) Abstract: The present invention is directed to novel polynucleotides and to polypeptides encoded thereby. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.